IN THE CLAIMS:

What is claimed is:

1. (Currently amended) A drug agent to repress transcription of a gene expressed specifically in hepatoma cells, comprising a protein as an effective component having an amino acid sequence of SEQ ID NO: 1, wherein the protein comprises amino acids 1-107 and 242-[[502]]555 of SEQ ID NO: 1 and has at least 85% sequence identity to SEQ ID NO: 1, wherein the gene is a type II hexokinase or a pyruvate kinase M gene.

2-6. (Canceled)

7. (Withdrawn) A screening agent to screen drug agents with transcriptional repressor activity, comprising an antibody specific to a protein or a peptide of (1) to (4) as an effective component:

(1) a protein or a peptide having an amino acid sequence of SEQ ID NO: 1

(2) a protein or a peptide having an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the amino acid sequence of SEQ ID NO: 1, and having a transcriptional repressor activity

(3) a protein or a peptide comprising the functional domain of the amino acid sequence of SEQ ID NO: 1

(4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of the amino acid sequence of SEQ ID NO: 1 , and having a transcriptional repressor activity.

8. (Withdrawn) The screening agent of claim 7, wherein said functional domain consists of amino acids 303-502 of SEQ ID NO: 1.

9-11. (Canceled)

12. (Withdrawn) An antibody specific to a protein or a peptide of (3) or (4):

(3) a protein or a peptide comprising the functional domain of the amino acid sequence of SEQ ID NO: 1

(4) a protein or a peptide comprising an amino acid sequence comprising a deletion, substitution or addition of one or several amino acids with respect to the functional domain of the amino acid sequence of SEQ ID NO: 1 , and having a transcriptional repressor activity.

13. (Previously presented) A drug agent to repress transcription of a gene expressed specifically in hepatoma cells, comprising a protein consisting of amino acid sequence SEQ ID NO: 1 as an effective component, wherein the gene is a type II hexokinase or a pyruvate kinase M gene.